

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

**RICHARD B. GUNDLACH ET AL.**

Serial No.: To Be Assigned

Filed: Filed Herewith

For: IRON-BASED CASTING ALLOY AND PROCESS FOR MAKING SAME

Attorney Docket No.: CRS 0105 PUS1

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(b)(1)**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and PTO/SB08B are being submitted herewith for consideration by the Examiner. This Statement is being filed in accordance with 37 C.F.R. § 1.97(b)(1).

While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the references are "material" as defined under 37 C.F.R. § 1.56(b).

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10**

I hereby certify that this paper, including all enclosures referred to herein, are being deposited on the below date with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee" Express Mail Label No. EV 185601690 US addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on:

August 6, 2003  
Date of Deposit

Susan Shepherd  
Name of Person Signing

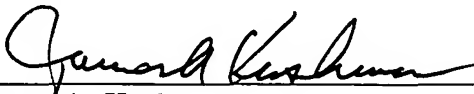
Susan Shepherd  
Signature

In accordance with 37 C.F.R. § 1.98(d), copies of the cited references are not being provided since the references were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 08/857,991, filed May 16, 1997 (pending), of which the present application is a divisional.

Respectfully submitted,

**RICHARD B. GUNDLACH ET AL.**

Date: August 6, 2003

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Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Applicant Number	To Be Assigned
				Filing Date	Herewith
				First Named Inventor	Richard B. Gundlach et al.
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	CRS 0105 PUS1

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. PATENT DOCUMENT		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		3,929,471		Akahori et al.	12-1975	
		4,221,612		Thome	09-09-1980	
		4,325,758		Milligan	04-20-1982	
		4,490,175		Matsuzaki	12-25-1984	
		5,096,515		Kawamura et al.	03-17-1992	
		5,252,149		Dolman	10-12-1993	
		5,310,431		Buck	05-10-1994	
		5,316,596		Kataoka	05-1994	
		5,733,388		Kurebayashi et al.	03-31-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		EP	0 430 241 A1		Hitachi Metals, Ltd.	06-05-1991		
		EP	0 533 929 A1		Nippon Steel Corp.	12-26-1991		
		JP	11-61322		Kougi KK	03-05-1999		
		JP	11-229070		Kobe Steel Ltd.	08-24-1999		
		JP	64-42553		Sumitomoto Metal Ind Ltd	02-14-1989		

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

\* ENGLISH LANGUAGE ABSTRACT ALSO ENCLOSED

Substitute for Form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Applicati n Number	To Be Assigned
				Filing Date	Herewith
				First Named Invent r	Richard B. Gundlach et al.
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	CRS 0105 PUS1

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Solidification Structures of Fe-C-CR-(V-NB-W) Alloys, Transactions of American Foundrymen's Society. 1986. Pages 403-416.	

Examiner Signature		Dat C nsidered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.